

ABSTRACT OF THE DISCLOSURE

A printing unit of an offset printing press includes a first plate cylinder, a first blanket cylinder for selectively contacting the first plate cylinder, a first inker for inking the first plate cylinder, a second plate cylinder, a second blanket cylinder for selectively contacting the second plate cylinder, and a second inker for inking the second plate cylinder. A first inker drive gear connects to the first inker for driving the first inker, and a motor uniquely associated with the printing unit is configured to drive the first inker drive gear. In addition, a gear train engaging the first inker drive gear is driven by the first inker drive gear so as to drive the first plate cylinder, the first blanket cylinder, the second blanket cylinder, the second plate cylinder and the second inker.